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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/717,923

11/21/2003

Takashi Ando

1793.1097

7560

21171

7590

04/19/2006

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EXAMINER

LEE, SUSAN SHUK YIN

ART UNIT

PAPER NUMBER

2852

DATE MAILED: 04/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

4A

Office Action Summary	Application No.		Applicant(s)	
	10/717,923		ANDO ET AL	
	Examiner		Art Unit	
	Susan S. Lee		2852	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-52 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 20, 35, 45, 49, 50 and 52 is/are rejected.
- 7) ☒ Claim(s) 2-19, 21-34, 36-44, 46-48 and 51 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Upon reconsideration of the claims, the previous indicated allowability of claim 50 is hereby withdrawn.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 20, 35, 45, and 49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yokosuka et al. (6,411,786) in view of Yura et al. (Japan, 2002-268436).

Yokosuka et al. discloses a heat roller 1, a fuser roller 5 that contacts the heat roller 1, and a guide roller or separation roller 9 that contacts the heat roller 1 (note column 3, lines 22-26). The separation roller 9 guides the recording material 11 away from heat roller 1 as the recording material 11 moves away from the heat roller 1 (see Fig. 1).

Yokosuka et al. differs from the instant invention by not disclosing a color fusing apparatus.

Yura et al. discloses a fixing device 1 for a color image forming apparatus (note Fig. 3). The fixing device 1 has a fixing roller 4 and a pressure roller 5. Note abstract.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Yokosuka et al. with that of Yura et al. so that a color copy can be reproduced.

Claims 50 and 52 are rejected under 35 U.S.C. 103(a) as being unpatentable over Komatsu et al. (4,163,892) in view of Yura et al. (Japan, 2002-268436).

Komatsu et al. discloses a heat roller 1, a fuser roller 20 and 50 that contact the heat roller 1, and a guide roller or separation roller 21 that contacts the heat roller 1. The separation roller 21 guides the recording medium 9 away from heat roller 1 as the recording medium 9 moves away from the heat roller 1 (see Fig. 16). Note column 10, lines 48-66.

Komatsu et al. differs from the instant invention by not disclosing a color fusing apparatus.

Yura et al. discloses a fixing device 1 for a color image forming apparatus (note Fig. 3). The fixing device 1 has a fixing roller 4 and a pressure roller 5. Note abstract.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the apparatus of Yokosuka et al. with that of Komatsu et al. so that a color copy can be reproduced.

Allowable Subject Matter

Claims 2-19, 21-34, 36-44, 46-48, and 51 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Applicant's arguments with respect to claims 1, 9-17, 20, 22-26, 28, 31, 35, 39, 41-43, 45, and 47-49 have been considered but are moot in view of the new ground(s) of rejection.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Yoda et al. disclose art in fixing devices.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susan S. Lee whose telephone number is 571-272-2137. The examiner can normally be reached on Mon. - Fri., 10:30-8:00, Second Monday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Art Grimley can be reached on 571-272-2136 or 571-272-2800 (Ext. 52). The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Art Unit: 2852

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Susan S. Lee
Primary Examiner
Art Unit 2852

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